

## Report of Analysis

Report Number	RA22K004	Report Date	2022.11.08
Sample Name	Gluc mRNA	Lot Number	P22J013
Package Size	0.1, 0.5, 1.0 mg/tube	Manufacturing Date	2022.10.20
Sample Source	CATUG	Receiving Date	2022.10.20

Test	Method	Result
Appearance	Visual	Colorless solution
Content	UV	1.1 mg/mL
A260/280	UV	1.93
Identity	Sanger sequencing	ORF sequence 100% matches
pH	USP <791>	7.02
Purity	CE	92.1%
Purity	HPLC	87.0%
Capping efficiency	LC-MS	> 99.0%
Residual protein	Fluorescence	< 0.53 µg/mg
Residual DNA template	qPCR	0.17 ng/mg
dsRNA	ELISA	366 ng/mg
Endotoxin	USP <85>	< 1 EU/mL
In vitro expression	SDS-page	Expressed protein size matches expectation

 Reported By /Date: *Wenjing Wang*  
 2022.11.08

 Reviewed By/Date: *Tengjun Huang*  
 2022.11.08

 Approved By/Date: *Michael Zhang*  
 2022.11.08

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